

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	883	UEDA-SHINICHI\$.in. ASAKURA-SUGURU\$.in. ARIE-SHINICHI\$.in. KAMIKURA-AKIRA\$.in. AWADA-KENICHI\$.in. YOSHIMURA-KENTARO\$.in. SUEOKA-KAZUHIKO\$.in. HAYASHI-NAOKI\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 09:57
S2	16	S1 and vehicular adj remote	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:01
S3	19	S1 and lf and rf	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:06
S4	542	340/5.61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:05
S5	552	340/5.72.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:05
S6	2592	307/10.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:05
S7	847	307/10.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:05
S8	309	307/10.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:05
S9	64	S4 and (lf (low adj frequency)) with (rf (radio adj frequency) hf (high adj frequency) uhf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:04

## EAST Search History

S10	8	S9 and (backup (back adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:05
S11	5	("4868409"   "5307658"   "5745026"   "6011320"   "6323566").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:09
S12	4	("5523746"   "5583486"   "5744874"   "5757086").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:14
S13	26	("6323566").URPN.	USPAT	OR	ON	2006/04/04 10:15
S14	114	(S5 S6 S7 S8) and (lf (low adj frequency)) with (rf (radio adj frequency) hf (high adj frequency) uhf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:12
S15	13	S14 and (backup (back adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 10:18
S16	15	("6011320").URPN.	USPAT	OR	ON	2006/04/04 10:21
S17	4375	S4 S5 S6 S7 S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:10
S18	141	S17 and (lf (low adj frequency)) with (rf (radio adj frequency) hf (high adj frequency) uhf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 12:17
S19	6	("5319364"   "5379033"   "5517189"   "5710548"   "5751073"   "6034617"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 11:26
S20	35	("5379033").URPN.	USPAT	OR	ON	2006/04/04 11:29
S21	542	340/5.61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:52
S22	552	340/5.72.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:52

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S23	2592	307/10.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:52
S24	847	307/10.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:52
S25	309	307/10.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:52
S26	4375	S21 S22 S23 S24 S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 11:52
S27	62	S26 and (lf (low adj frequency)) with (rf (radio adj frequency) hf (high adj frequency) uhf) and distance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:14
S28	6	("4688036"   "5252965"   "6439683"   "6538560"   "6552649"   "6714119"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:07
S29	3	("5844470"   "6062614"   "6538560"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:16
S30	3	("5347280"   "5686902"   "5952935"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:25
S31	17	("4616364"   "4644347"   "4688036"   "4794268"   "4811013"   "5142691"   "5303259"   "5319364"   "5379033"   "5428818"   "5438699"   "5499388"   "5682135"   "5933074"   "6323566"   "6389275"   "6603388").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:30
S32	35	("5379033").URPN.	USPAT	OR	ON	2006/04/04 12:34
S33	3	("5983347"   "6208239"   "6577227"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:35
S34	4	("5973611"   "6087987"   "6552649"   "6778065").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:40

## EAST Search History

S35	104	S26 and ((khz with mhz)(khz with ghz)(mhz with ghz))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 16:42
S36	4	("5561332"   "5684454"   "5736935"   "6025653").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:53
S37	194	S26 and (battery with (fail failure failed dissipated dead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:15
S38	223	S26 and (battery with (fail failure failed dissipated dead died dies depleted drained))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:15
S39	32	S26 and ((fob transponder key transceiver transceiving portable remote) with battery near3 (fail failure failed dissipated dead died dies depleted drained))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:20
S40	7	S26 and ((fob transponder key transceiver transceiving portable remote) with battery near3 exhausted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:27
S41	4	("5561332"   "5684454"   "5736935"   "6025653").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 13:22
S42	82	S26 and ((fob transponder key transceiver transceiving portable remote) with (defective broken (break adj down)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:28
S43	40	S26 and ((fob transponder key transceiver transceiving portable remote) near4 (defective broken (break adj down)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:11
S44	39	asakura-suguru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:12
S45	4	("5486806"   "5668416"   "5684454"   "5703414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 16:10

## EAST Search History

S46	2	("6144294").URPN.	USPAT	OR	ON	2006/04/04 16:11
S47	4	S26 and (frequency adj diversity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:12
S48	55	S26 and (challenge same (response reply))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:24
S49	30	S26 and ((receiver receiving transmitter transmitting) near4 (malfunction malfunctioning ((break breaking) adj down) broken defective))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:32
S50	0	340/5.\$..ccls. and ((LF HF UHF RF) near2 (receiver receiving transmitter transmitting) near4 (malfunction malfunctioning ((break breaking) adj down) broken defective))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:33
S51	28	((LF HF UHF RF) near2 (receiver receiving transmitter transmitting) near4 (malfunction malfunctioning ((break breaking) adj down) broken defective))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 17:33
S52	4	("5523746"   "5583486"   "5744874"   "5757086").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 18:24
S53	26	("6323566").URPN.	USPAT	OR	ON	2006/04/04 18:25
S54	4	("5937065"   "6169943"   "6191703"   "6323566").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 18:26
S55	5	("6191703").URPN.	USPAT	OR	ON	2006/04/04 18:27
S56	116	(onstar (on adj star)) same (cellular PCS GSM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:00
S57	41	S56 and (fail failure malfunction defective)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:02
S58	37	S56 and telematics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:03

## EAST Search History

S59	41	telematics same (backup (back adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:03
S60	542	340/5.61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:05
S61	22	S60 and ((communication link) with (fail failure))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:05
S62	64	S60 and (If (low adj frequency)) with (rf (radio adj frequency) hf (high adj frequency) uhf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:05
S63	1	S62 and ((communication link) with (fail failure))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:11
S64	552	340/5.72.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:12
S65	2592	307/10.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:12
S66	847	307/10.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:12
S67	309	307/10.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:12
S68	91	(S64 S65 S66 S67) and ((communication link) with (fail failure))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:19

## EAST Search History

S69	802	((communication link) with (fail failure)) with ((first second) near2 (channel frequency link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:20
S70	460	((communication link) near3 (fail failure)) with ((first second) near2 (channel frequency link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:20
S71	19	S70 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:55
S72	2	S70 and "307"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:23
S73	33	S70 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 11:01
S74	6	("5880868").URPN.	USPAT	OR	ON	2006/04/05 10:26
S75	37	S69 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:56
S76	4	S69 and "340"/5.\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:57
S77	0	S69 and "340"/10.\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 10:57
S78	15	S69 and "340"/825.\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 11:01

## EAST Search History

S79	3	S69 and "340"/7.\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 11:01
S80	60	S69 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 11:01
S81	0	("5669065").URPN.	USPAT	OR	ON	2006/04/05 11:04